

# Cindy Cicalese

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# Agenda

- Wikimedia Foundation
- Core Platform Team (CPT) structure, mission, and goals
- CPT roadmap
- CPT development processes
- How to communicate to and interact with CPT

# Wikimedia Foundation

***“Imagine a world in which every single human being can freely share in the sum of all knowledge”***

The nonprofit Wikimedia Foundation provides the essential infrastructure for free knowledge. We host Wikipedia, the free online encyclopedia, created, edited, and verified by volunteers around the world, as well as many other vital community projects. All of which is made possible thanks to donations from individuals like you. We welcome anyone who shares our vision to join us in collecting and sharing knowledge that fully represents human diversity.\*



\* <https://wikimediafoundation.org/>

# CPT structure

- founded July 2018 from former MediaWiki Platform and Wikimedia Services Teams
- has primary responsibility for the MediaWiki core platform and service infrastructure that supports the projects of the Wikimedia Movement
- director, program manager, 2 product managers, technical writer, engineering manager, 9 engineers
- [https://www.mediawiki.org/wiki/Core\\_Platform\\_Team](https://www.mediawiki.org/wiki/Core_Platform_Team)

# CPT mission statement

We shepherd Wikimedia's essential software and infrastructure technologies enabling our users and developers to unlock free knowledge.



# CPT goals

- To lead the maintenance and improvement of the MediaWiki platform.
- To assist and encourage feature development on top of MediaWiki by providing developers with a clean and elegant core.
- To provide value for end users by undertaking feature development work which is primarily architectural in nature.
- To create and publish a MediaWiki roadmap to assist planning of internal and external users.
- To establish guidelines and standards for the MediaWiki core code.
- To automate monitoring, metric reporting and logging for Wikimedia services.
- To keep the majority of services simple and stateless by offering general multi-datacenter storage and change propagation solutions.
- To make our infrastructure more flexible, robust and efficient by gradually migrating from a monolithic architecture to [micro-services](#).

# CPT roadmap

- [Click here](#)

# CPT roadmap (some key initiatives)

- build equitable experience
  - REST routing in MediaWiki
  - Front-end Architecture Working Group
- modernize systems for rich media and structured data
  - migrate Parsoid to PHP
  - finish MCR schema changes
- modern event infrastructure
- reduce complexity in MediaWiki
  - decoupling
  - narrow extension API interface
- modernize testing and deployment pipeline
  - API integration testing
- strengthen technical equity
  - better documentation
- read requests enabled from multiple data centers
  - multi-data center session storage
- security
  - OAuth 2.0



# CPT development processes

- work organized into 2 week sprints
- subteams:
  - clinic duty team
  - 1 or more product teams
  - occasionally contractor teams
- subteam membership rotates at the end of sprints
- CPT project: <https://phabricator.wikimedia.org/project/profile/3654/>
  - unplanned work comes into the team through the inbox and is triaged
- CPT work in progress: <https://phabricator.wikimedia.org/project/view/3696/>

# Clinic duty subteam

- responsible for:
  - reactive work (e.g. unbreak now and production error tasks)
  - maintenance and tech debt tasks to reduce the CPT backlog

# Product subteams

- currently two product teams: purple and green
- work on CPT initiatives

# Task types

- initiatives > epics > user stories > engineering tasks
  - all exist as tasks in Phabricator
- initiatives are derived from the CPT roadmap in consultation with the CPT Director, Program Manager, Product Managers, Engineering Managers and Technical Leads
- epics should last one or two sprints
- initiatives can last several months
- planned: [https://www.mediawiki.org/wiki/Core\\_Platform\\_Team#Initiatives](https://www.mediawiki.org/wiki/Core_Platform_Team#Initiatives)
- Phabricator: <https://phabricator.wikimedia.org/project/view/4193/>
- seeing task dependencies: [click here](#)

# Communication

- Report bugs in Phabricator:
  - add a task to the inbox at <https://phabricator.wikimedia.org/project/view/3654/>
  - always include software versions and steps to reproduce
  - patches, if included, should be created in gerrit and should have the Phabricator task in the commit message
- [wikitech-l](#) mailing list
- [#mediawiki-core](#) IRC channel
- [#wikimedia-services](#) IRC channel

# Questions?

